












## Phase I - 2020



### LEGEND

-  Salton Sea
-  Exposed Playa Between -228 and -235 feet msl
-  Exposed Playa Between -235 and -249 feet msl
-  Exposed Playa Below -249 feet msl
-  River/Creek
-  Drain Extension
-  Pupfish Channel
-  AQM Canal
-  Agricultural Drains
-  Highways
-  Sedimentation/Distribution Basin

## No Action Alternative- Variability Conditions

Construction = \$0.8 billion  
O&M = \$44 M/year Phase IV

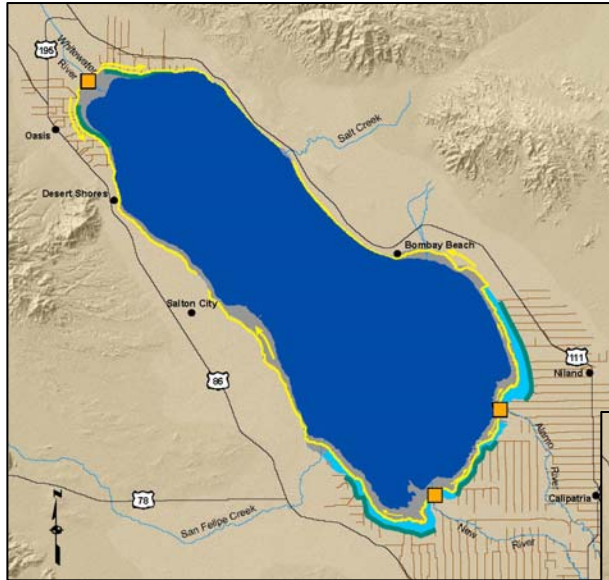
## Phase II - 2030



## Phase IV - 2078



## Phase I - 2020



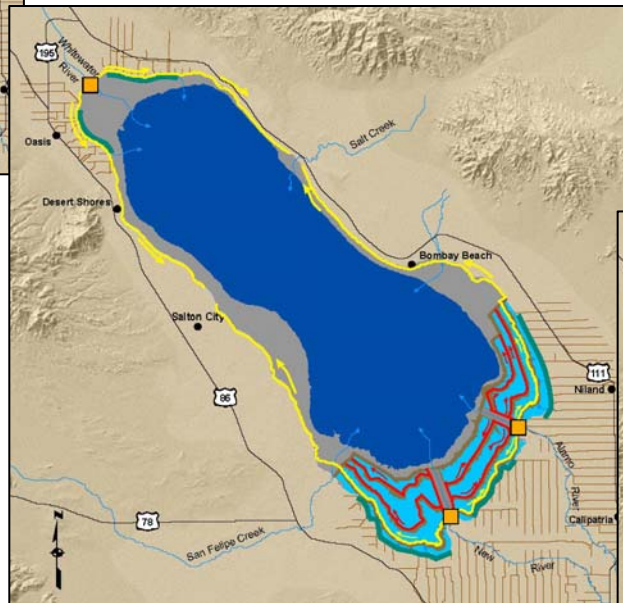
### LEGEND

-  Saline Habitat Complex
-  Exposed Playa
-  Brine Sink
-  River/Creek
-  Highways
-  Agricultural Drain
-  AQM Canal\*
-  Pupfish Channel\*
-  SHC Distribution Canals
-  Sedimentation/Distribution Basin

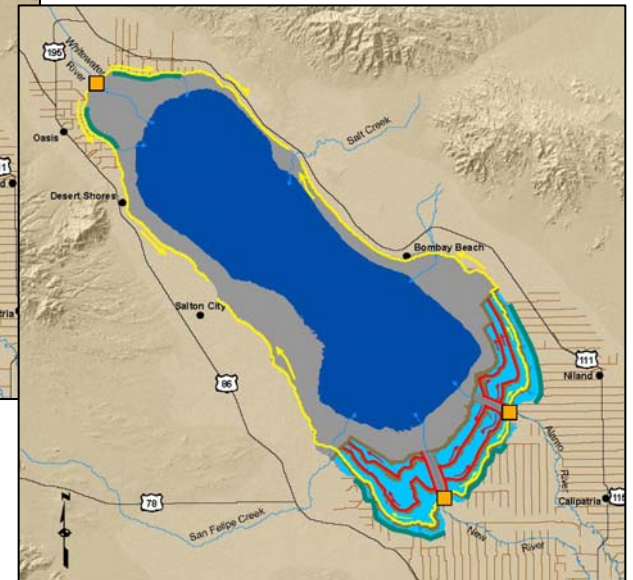
## Alternative 1: Saline Habitat Complex I

Construction = \$2.3 billion  
O&M = \$90 M/year Phase IV

## Phase II - 2030



## Phase IV - 2078
















## Phase I - 2020



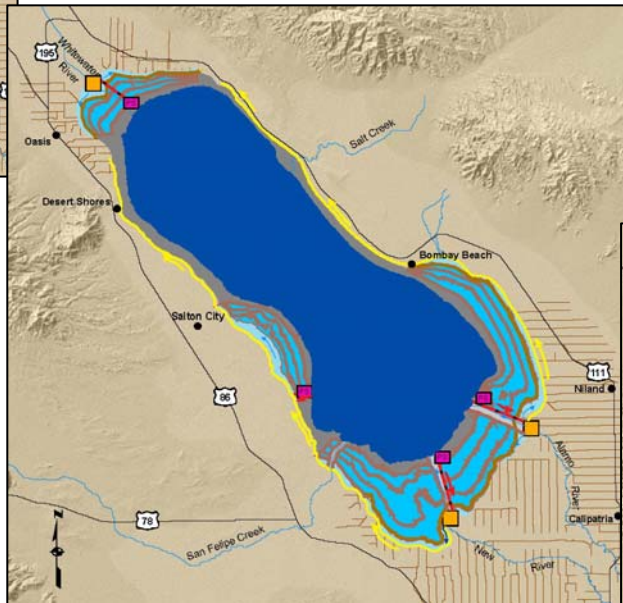
### LEGEND

-  Shoreline Waterway
-  Saline Habitat Complex
-  Brine Sink
-  Exposed Playa
-  River/Creek
-  Agricultural Drain
-  AQM Canal\*
-  Saltwater Conveyance
-  Highways
-  Sedimentation/Distribution Basin
-  Saltwater Pump Station

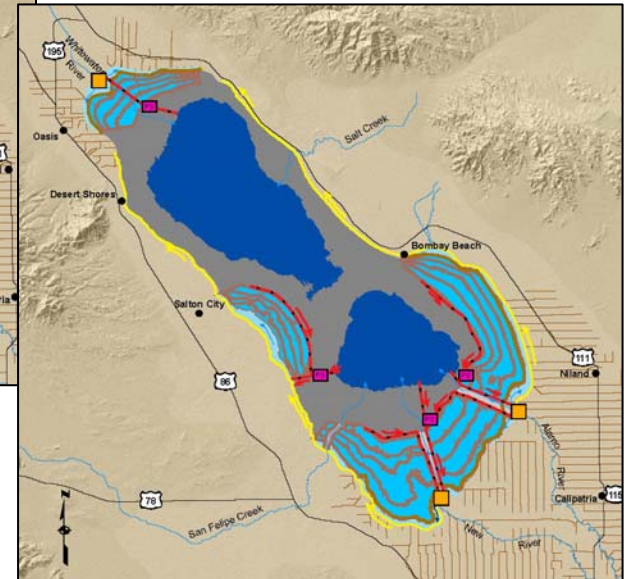
## Alternative 2: Saline Habitat Complex II

Construction = \$3.3 billion  
O&M = \$110M/year in Phase IV

## Phase II - 2030



## Phase IV - 2078



## Phase I - 2020



### LEGEND

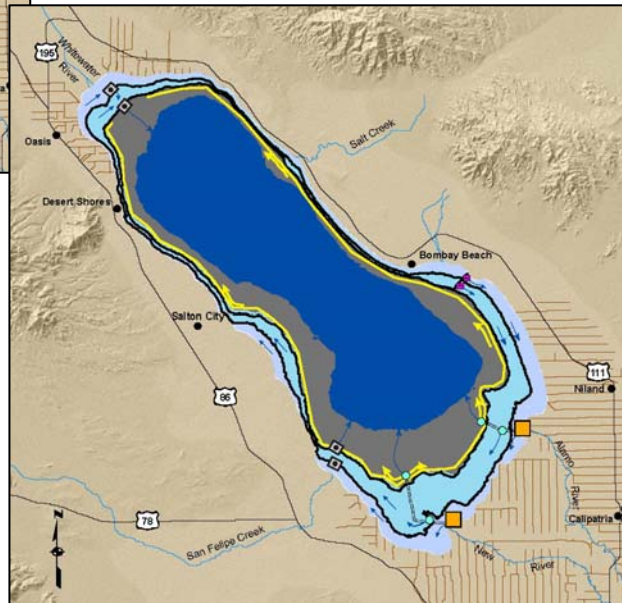
- First Ring
- Second Ring
- Brine Sink
- Exposed Playa
- Rivers/Creeks
- Agricultural Drains
- Highways
- AQM Canal
- River Bypass Pipeline
- Barrier/Perimeter Dike

- Sedimentation/Distribution Basin
- Recirculation Pump Station
- Outlet/Spillway
- River Outlet Structure

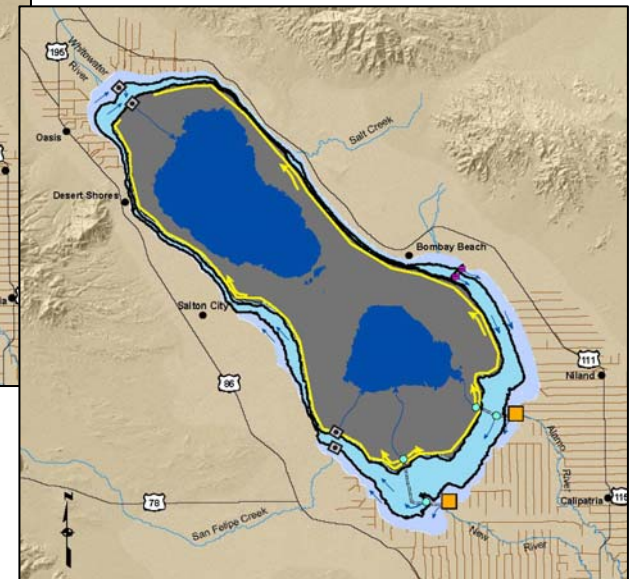
## Alternative 3: Concentric Rings

Construction = \$4.9 billion  
O&M = \$140 M/year in Phase IV

## Phase II - 2030



## Phase IV - 2078

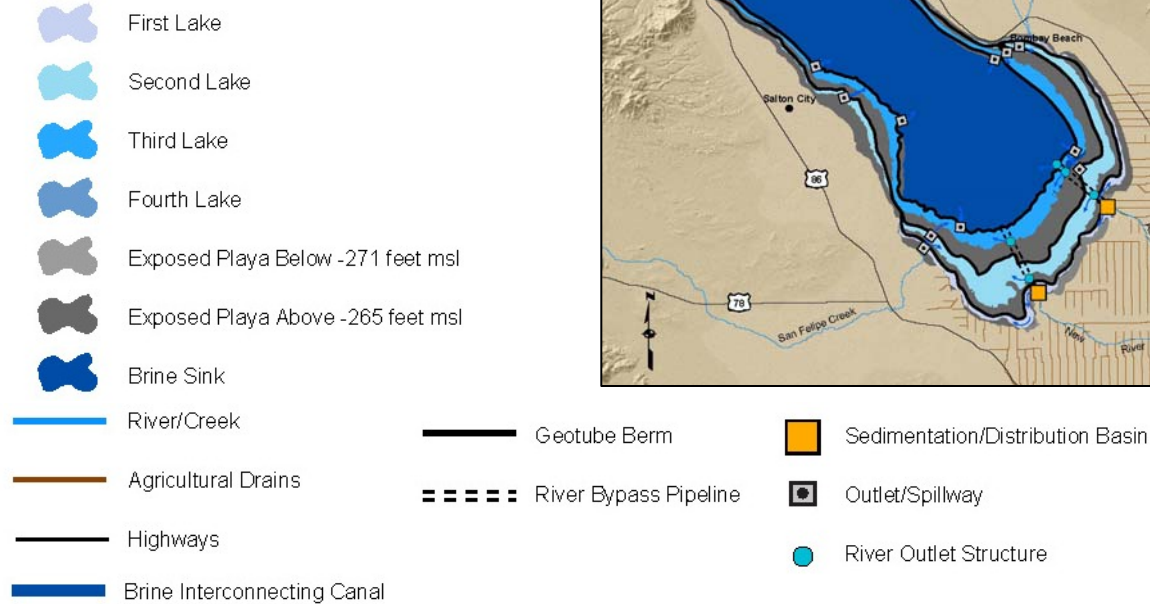




## Phase I - 2020



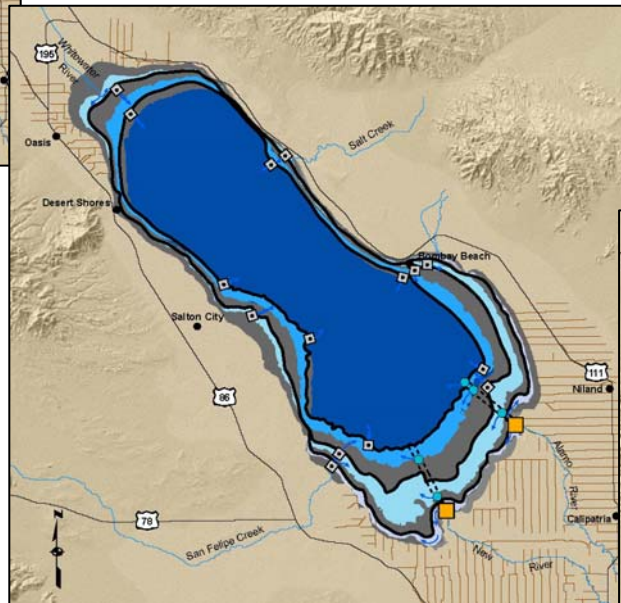
### LEGEND



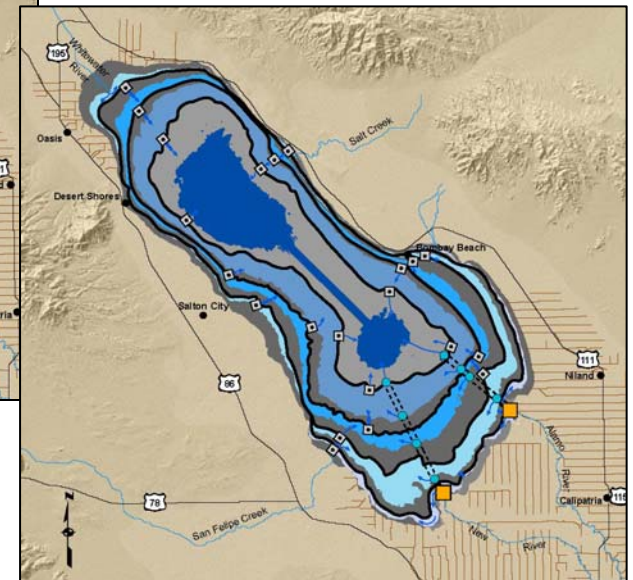
## Alternative 4: Concentric Lakes

Construction = \$1.1 billion  
O&M = \$10 M/year in Phase IV

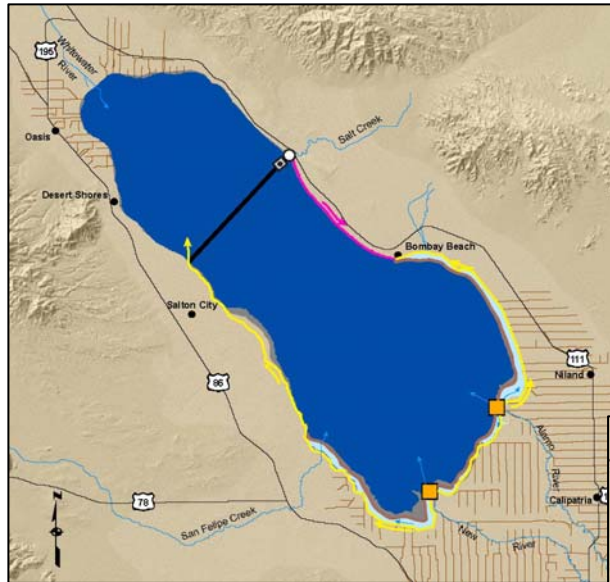
## Phase II - 2030



## Phase IV - 2078














## Phase I - 2020



### LEGEND

-  Marine Sea
-  Brine Sink
-  Shoreline Waterway
-  Saline Habitat Complex
-  Exposed Playa

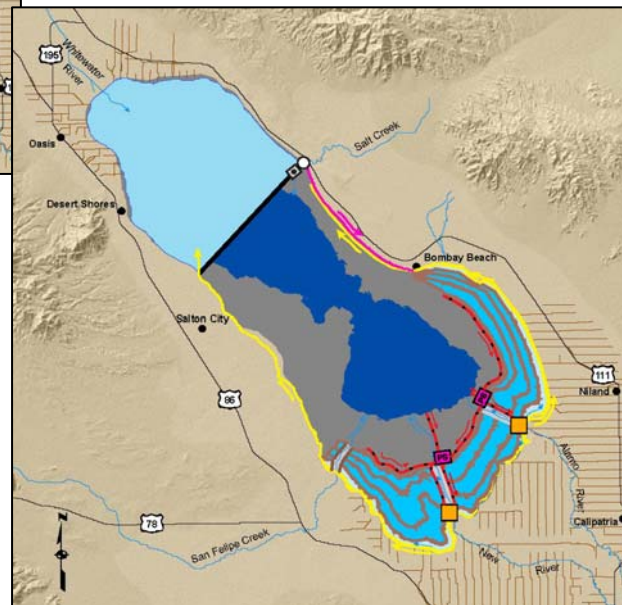
-  Rivers/Creeks
-  Agricultural Drains
-  Highways
-  Marine Sea Recirculation Canal
-  AQM Canal\*

-  Saltwater Conveyance
-  Barrier
-  Sedimentation/Distribution Basin
-  Marine Sea Outlet
-  Outlet/Spillway
-  Saltwater Pump Station

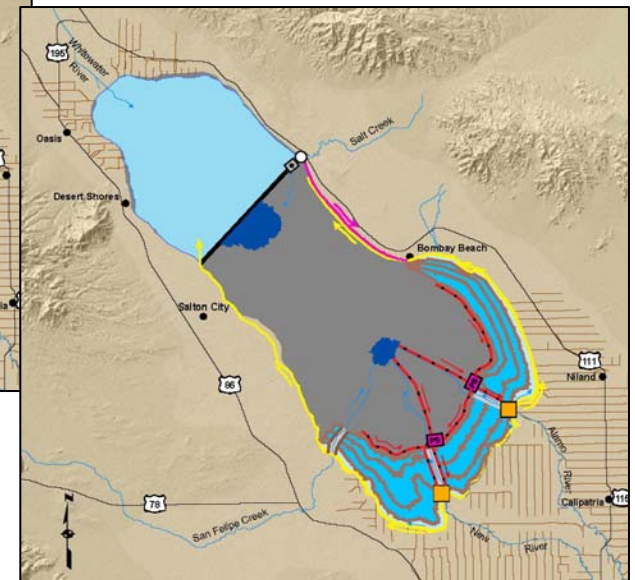
## Alternative 5: North Sea

Construction = \$4.5 billion  
O&M = \$130 M/year in Phase IV

## Phase II - 2030

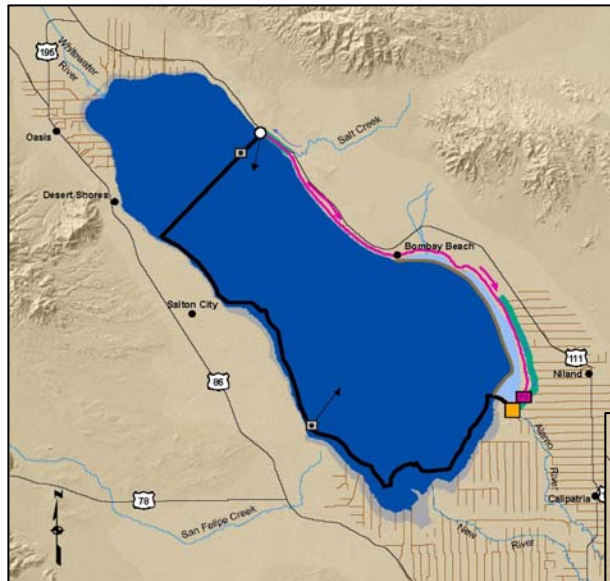


## Phase IV - 2078





## Phase I - 2020



### LEGEND

- Marine Sea
- Shoreline Waterway
- Saline Habitat Complex
- Brine Sink
- Exposed Playa
- Marine Sea Mixing Zone
- Rivers/Creeks

Agricultural Drains

Highways

AQM Canal

Marine Sea Recirculation Canal

Barrier/Perimeter Dike

Pupfish Channel

Saltwater Conveyance

Sedimentation/Distribution Basin

Marine Sea Outlet

Outlet/Spillway

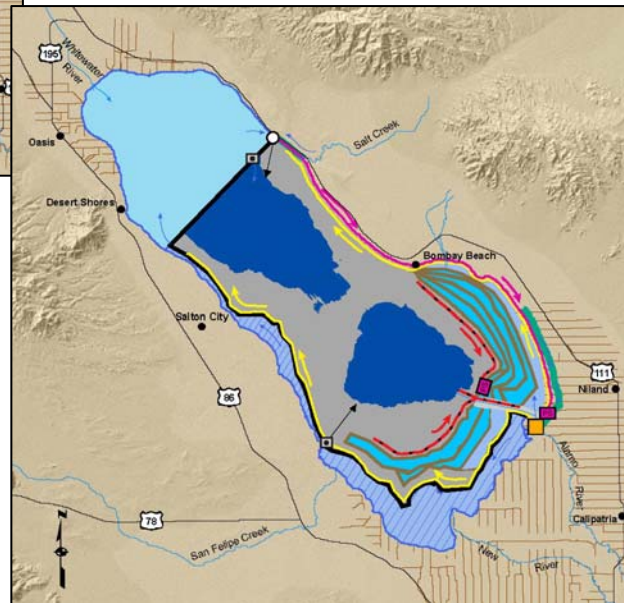
Saltwater Pump Station

## Alternative 6: North Sea Combined

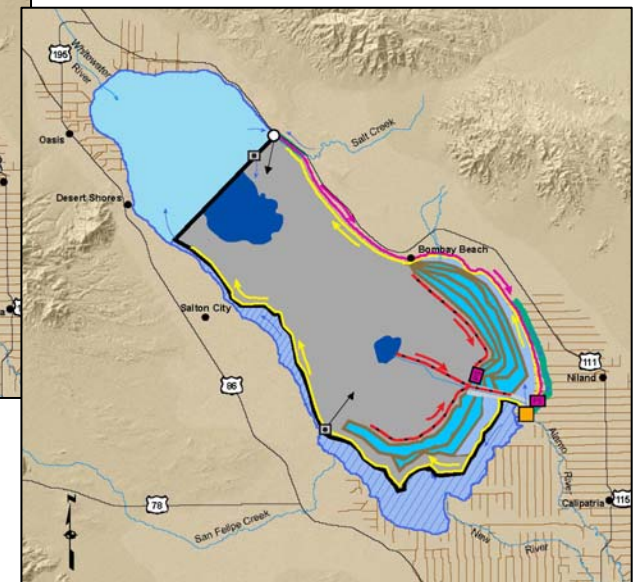
Construction = \$5.8 billion

O&M = \$150 M/year in Phase IV

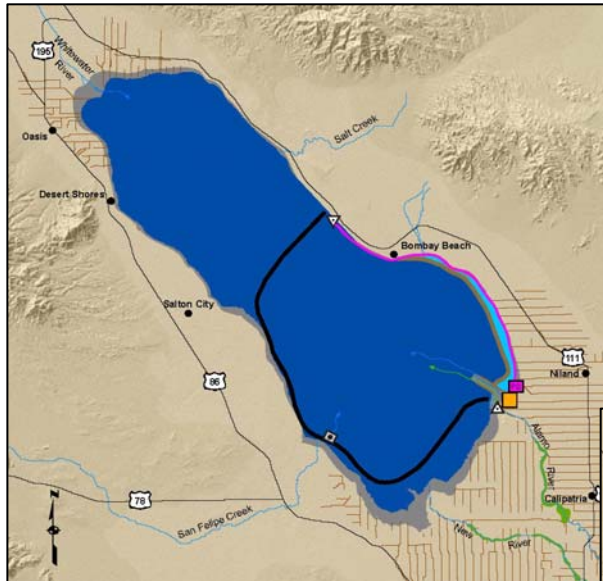
## Phase II - 2030



## Phase IV - 2078



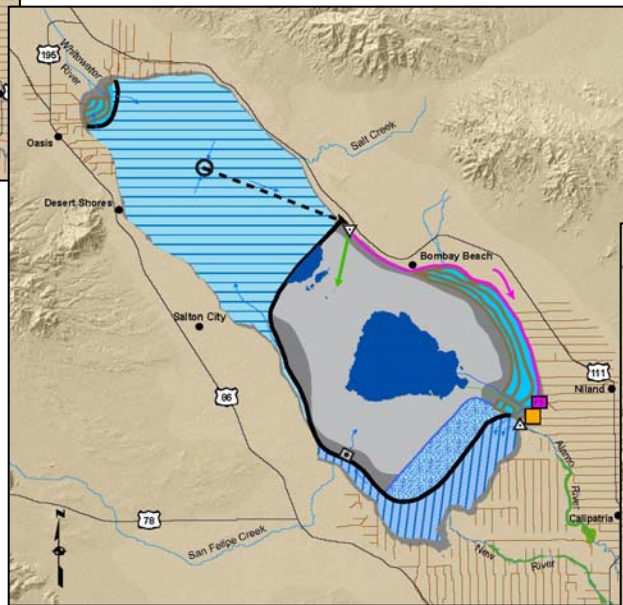
## Phase I - 2020



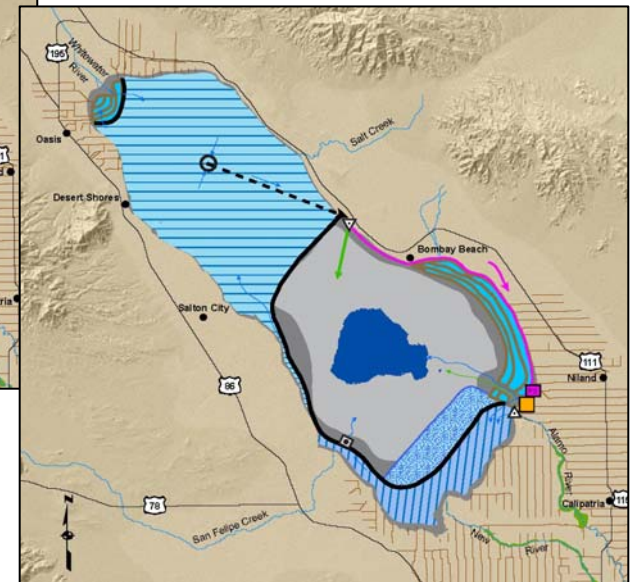
## Alternative 7: Combined North and South Lakes

Construction = \$5.1 billion  
O&M = \$80 M/year in Phase IV

## Phase II - 2030



## Phase IV - 2078



### LEGEND

Recreational Saltwater Lake

Recreational Estuary Lake

IID Freshwater Reservoir

Brine Sink

Saline Habitat Complex

Exposed Playa Below -255 feet msl

Exposed Playa Above -255 feet msl

Freshwater Wetland

River/Creek

Agricultural Drains

Highways

Marine Sea Recirculation Canal

WTP Backwash/Sludge

Barrier/Perimeter Dike

Sedimentation/Distribution Basin

WTP1 (Sand Filtration/  
Oxidization Process)

WTP 2 (Alamo River)

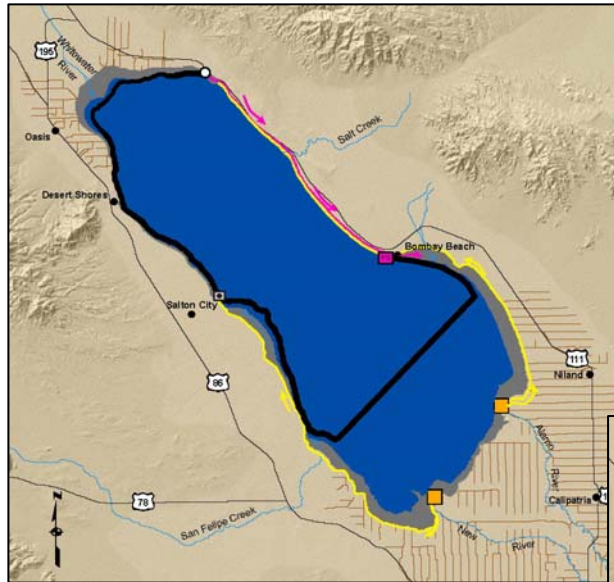
Outlet/Spillway

Recirculation Pump Station

Marine Sea Outlet and Drain Pipeline



## Phase I - 2020



### LEGEND

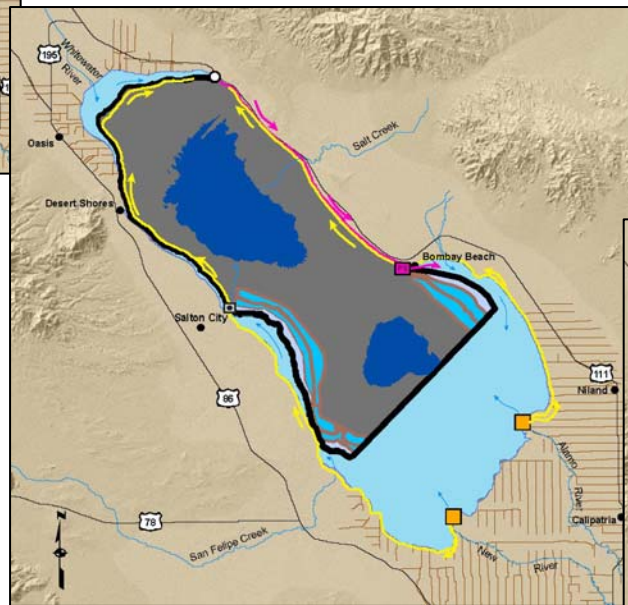
- Marine Sea
- Shoreline Waterway
- Saline Habitat Complex
- Brine Sink
- Exposed Playa
- Rivers/Creeks
- Agricultural Drains
- Highways
- Marine Sea Recirculation Canal
- AQM Canal

- Barrier/Perimeter Dike
- Sedimentation/Distribution Basin
- Recirculation Pump Station
- Marine Sea Outlet
- Outlet/Spillway

## Alternative 8: South Sea Combined

Construction = \$5.8 billion  
O&M = \$150 M/year in Phase IV

## Phase II - 2030



## Phase IV - 2078

